Amendments to the Claims

This listing of claims will replace all prior versions and listings of claims in the application:

Listing of Claims

1. (Currently Amended) A reproducing apparatus comprising:

a reproducing unit configured to reproduce first moving image data encoded by intra-frame ~~coding~~ encoding and inter-frame ~~coding~~ encoding and second moving image data which is different from the first moving image data and is encoded by the intra-frame ~~coding~~ encoding from a recording medium, the reproducing unit reproducing the first and second moving image data from the recording medium in response to a reproduction start instruction;

an interface configured to output in a form of encoded data the first moving image data ~~and the second moving image data reproduced by the reproducing unit~~ to an outside of said reproducing apparatus;

a decoding unit configured to decode the first moving image data ~~and the second moving image data~~ reproduced by the reproducing unit;

a control unit configured to control operation of the interface and operation of the decoding unit,

wherein the control unit controls, in response to [[a]] the reproduction start instruction, the decoding unit and the interface such that the decoding unit decodes ~~selects~~ the first moving image data ~~among the first moving image data and the second moving image data~~ reproduced by the reproducing unit and the interface outputs [[both]] the first moving image data reproduced by the reproducing unit, in the form of encoded data and also the second moving image data reproduced by the reproducing unit, in the form of encoded data.

2. (Previously Presented) A reproducing apparatus according to claim 1, wherein the interface converts the first moving image data and the second moving image into a plurality of packets having a data size of a predetermined amount respectively, and the interface multiplexes and outputs the plurality of packets.

3. (Previously Presented) A reproducing apparatus according to claim 2, wherein each of the plurality of packets includes ID data, and the interface allocates predetermined values different from each other to the ID data of the packet of the first moving image data and the ID data of the packet of the second moving image data.

4-7. (Canceled)

8. (Previously Presented) A reproducing apparatus according to claim 1, wherein the second moving image data is generated using a frame encoded by the intra-frame coding of the first moving image data.

9-20. (Canceled)

21. (Currently Amended) An image processing apparatus comprising:

an input unit configured to input moving image data;

a signal processing unit configured to encode the moving image data input by the input unit and output encoded moving image data, the signal processing unit outputting first moving image data encoded by intra-frame encoding and inter-frame encoding and second

moving image data which is different from the first moving image data and is encoded by the intra-frame encoding;

an interface configured to output in a form of encoded data the first ~~and second~~ moving image data output from the signal processing unit to an outside of said reproducing apparatus;

a recording unit configured to record the first and second ~~encoded~~ moving image data output from the signal processing unit on a recording medium;

a control unit configured to control operation of the interface and operation of the recording unit,

wherein the control unit controls the interface and the recording unit ~~in parallel~~ such that the interface outputs in the form of encoded data [[both]] the first ~~and second~~ moving image data output from the signal processing unit and also the second moving image data output from the signal processing init in the form of encoded data while ~~reproduced by the reproduction unit and at the same time~~ the recording unit records the first and second ~~encoded~~ moving image data output from the signal processing unit in the recording medium.

22. (Previously Presented) An apparatus according to claim 21, wherein the signal processing unit outputs the first moving image data and the second moving image data in parallel with each other.

23. (Previously Presented) An apparatus according to claim 21, wherein the recording unit records the first moving image data and the second moving image data on the recording medium.

24. (Previously Presented) An apparatus according to claim 21, wherein the signal processing unit generates the second moving image data using a frame encoded by the intra-frame encoding of the first moving image data.